



The hypothalamus releases TRH, which stimulates the pituitary gland.

The pituitary gland releases TSH, which stimulates the thyroid gland.

The thyroid gland releases T3 and T4 (thyroid hormones), which affect a wide variety of organs in the body. T3 and T4 also loop back to direct the hypothalamus and pituitary gland to regulate the amounts of TRH and TSH that are released.